Sub/ROV ID:

Dive Information Form

Activity ID: GOA2004_ACT0065
Dive Number: 4041

General Dive Information

Target Area Name:

PARTICIPANTS				BOUNDING COORDINATES			
PARTICIPANT 1	PART. 1 ROLE	PARTICIPANT 2	PART. 2 ROLE	North (Lat)	South (Lat)	East (Long)	West (Long)
Amy Baco-Taylor	Port Observer	Mark Spear	PIT	56° 25.95102 N	56° 25.40982 N	142° 22.23414 W	142° 22.28830 W
PARTICIPANT 3	PART. 3 ROLE	PARTICIPANT 4	PART. 4 ROLE	DATES		TIMES	
Dudley Foster	Pilot			START	STOP	START	STOP
Max Depth (m):	3000			08/17/04	08/17/04	08:00 PDT	16:00 PDT

ASSOCIATED PROJECT:

Brief Physical/Biological Desciption of Dive Track

Example: Dive started on flat sandy bottom. Changed to rock and cobble, with numerous octocoral and fans, as large rock wall was approached at about the mid point of dive track. Worked up and down wall from north end to south end until the end of the dive... *(please DO NOT reference tracking file)*

We stopped about 300m above the bottom for a training exercise and became neutrally buoyant. An hour later we reached the bottom. It was a basalt bottom with a lot of sediment. There were some primnoid corals and antipatharian corals on the rocks. As we moved upsloe to the intended ridge position, sediment increased. Corals were only present on the occassional rocks. As we moved up the ridge, the slope steepened and sediment decreased. When we reached 2700 m, we did a transect of 200 m length along the depth contour. The transect was largely hard bottom, but primarily thick manganese crust. Fauna was sparse along the transect. We ran out of time before we could begin a second transect.

Dive Objectives

Provide a brief description of the objectives for this dive.

Data, Samples, Multimedia Collected During Dive

Multimedia? ☐ Y ☐ N Samples? ☐ Y ☐ N Data? ☐ Y ☐ N Transects? ☐ Y ☐ N

Comments

Sub/ROV ID:

Dive Information Form

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Dive Number: ____________

Scientist Observations and Ratings of Dive Track

DIVE TRACK RATINGS Rate the dive track overall (1=low; 10=high): Uniqueness ☐ Health ☐ Disturbance ☐ Biodiversity ☐

RELIEF VARIATION Highest observed feature (m): ☐

GEOMORPHOLOGY & SEDIMENTS (Check all that were observed)

Dominant Features/% Cover

- ☐ mounds ____
- ☐ pinnacles ____
- ☐ ridges ____
- ☐ drowned reefs ____
- ☐ rock outcrops ____
- ☐ low-relief hard bottom ____
- ☐ sand waves ____
- ☐ pits ____
- ☐ vents ____
- ☐ sea mounts ____
- ☐ walls ____
- ☐ pinnacles/ridges ____
- ☐ oculina rubble ____
- ☐ rock rubble ____
- ☐ sand ____
- ☐ Other...

Sediments and % Cover

- ☐ Rock, Continuous Strata ____
- ☐ Boulder (> 256Mm) ____
- ☐ Cobble (64mm - 256mm) ____
- ☐ Gravel (4mm - 64mm) ____
- ☐ Coarse Sand (.5mm - 4mm) ____
- ☐ Medium Sand (.25mm - .5mm) ____
- ☐ Fine Sand (.06mm - .25mm) ____
- ☐ Silt (.004mm - .06mm) ____
- ☐ Clay (< .004mm)- ____
- ☐ Mix of Boulders & Cobbles ____
- ☐ Mix of Cobbles & Gravel ____
- ☐ Mix of Gravel & Sand ____
- ☐ Mix of Sand & Silt ____
- ☐ Mix of Silt & Clay ____
- ☐ Artificial Substrate-Vertical Piling ____
- ☐ Other...

Living Habitat Structure and % Cover

- ☐ Sponges ____
- ☐ Stony Corals ____
- ☐ Octocorals ____
- ☐ Bryozoans ____
- ☐ Oculina ____
- ☐ Dead Coral w/ encrusting orgs ____
- ☐ Other Ceranthids ____
- ☐ Sponge/Octocorals 2% ____
- ☐ Hydroids, bryozoans ____
- ☐ Other...

Comments/Other Types:

HUMAN ACTIVITY OR IMPACT

- ☐ Anchor Damage
- ☐ Trawl Tracks or Damage
- ☐ Wrecks
- ☐ Discarded Gear
- ☐ Active Gear
- ☐ Garbage
- ☐ Excavations
- ☐ Buoys or Markers
- ☐ Suspected Disease
- ☐ Sedimentation
- ☐ Spilled Fuel
- ☐ Cables
- ☐ Oil & Gas Development
- ☐ Other...

Comments:

LIVING MARINE RESOURCES

Abundance: Circle estimated abundance of fish & invertebrates.
0-None; **S**ingle; **F**ew (2 - 10); **M**any (11 - 100); **A**bundant (>100)

Pelagic Fish:	N S F M A
Bottom Fish:	N S F M A
Crustacean:	N S F M A
Mollusk:	N S F M A
Echinoderm:	N S F M A
Other Benthic:	N S F M A

Other Benthics:

Unique/rare invertebrate species observed:

Unique/rare vertebrate species observed:

Comments:

FISH OBSERVATIONS AND ABUNDANCE

Abundance: **Mark whether: S**-Single; F-**F**ew (2 - 10); M-**M**any (11 - 100); A-**A**bundant (>100)

________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A
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________	S F M A	________	S F M A	________	S F M A
________	S F M A	________	S F M A	________	S F M A

General Comments